



DEAV20030053 US NP Sequence Listing.txt
SEQUENCE LISTING

<110> Aventis Pharma Deutschland GmbH

<120> A METHOD FOR PURIFYING PREPROINSULIN

<130> DEAV2002/0053 US NP

<140> 10/886,451

<141> 2004-07-07

<150> 60/528,375

<151> 2003-12-10

<150> DE 10235168.6

<151> 2002-08-01

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:C-Peptid

<400> 1

Arg Asp Val Pro Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser
1 5 10 15

Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg
20 25

<210> 2

<211> 96

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Preproinsulin I

<400> 2

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
35 40 45

Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
50 55 60

DEAV20030053 US NP Sequence Listing.txt

Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
65 70 75 80

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
85 90 95

<210> 3
<211> 96
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Preproinsulin
II

<400> 3
Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
1 5 10 15
Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30
Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
35 40 45
Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
50 55 60
Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
65 70 75 80
Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Gly
85 90 95

<210> 4
<211> 90
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Preproinsulin
III

<400> 4
Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Lys Gln His Leu
1 5 10 15
Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

DEAV20030053 US NP Sequence Listing.txt

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Phe | Phe | Tyr | Thr | Pro | Glu | Thr | Arg | Asp | Val | Pro | Gln | Val | Glu | Leu |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Gly | Gly | Gly | Pro | Gly | Ala | Gly | Ser | Leu | Gln | Pro | Leu | Ala | Leu | Glu | Gly |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Ser | Leu | Gln | Lys | Arg | Gly | Ile | Val | Glu | Gln | Cys | Cys | Thr | Ser | Ile | Cys |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Ser | Leu | Tyr | Gln | Leu | Glu | Asn | Tyr | Cys | Asn | | | | | | |
| | | | | 85 | | | | | 90 | | | | | | |